

Patent Abstracts of Japan

PUBLICATION NUMBER : 08002685
PUBLICATION DATE : 09-01-96

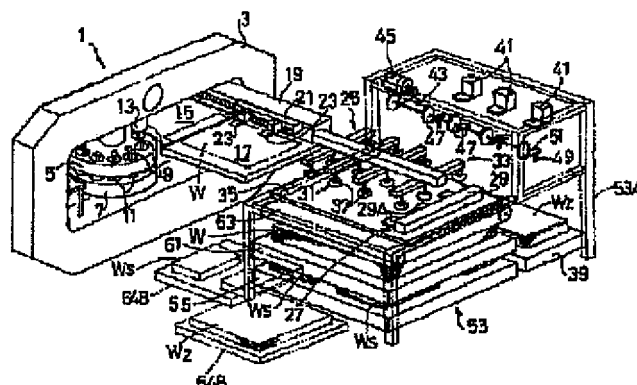
APPLICATION DATE : 15-06-94
APPLICATION NUMBER : 06132906

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INT.CL. : B65G 60/00 B65G 57/04 B65G 59/02

TITLE : WORK CARRYING-IN/OUT DEVICE
EQUIPPED WITH PRODUCT
COLLECTING DEVICE



ABSTRACT : PURPOSE: To economize labor and reduce the installation space by installing a microjoint separating device, work carrying-in/out device, and a product collecting device at one place in lump, as for a work carrying-in/out device which separates the products worked on a plate material working machine and is equipped with a product collecting device for collecting the products and the left materials.

CONSTITUTION: Contiguously to a turret punch press 1, a work carrying-in/out device 25 consisting of a work carrying-in device 33 and a work carrying-out device 27 is installed. Further, contiguously to the work carrying-in/out device 25, a microjoint separating device 43, product receiving table 35 which is directly under the work carrying-out device 27 and is horizontally shiftable in the lateral direction, and a product receiving conveyor 63 having a belt which is directly under the product receiving table 35 and is shiftable in the lateral direction are provided. A product pallet 55 which is shiftable in the vertical and lateral directions is installed in the downward direction of the product receiving conveyor 63, and contiguously with the product pallet 55, a material pallet 61 which is shiftable in the lateral direction, and a skeleton pallet 39 for placing a rest material WZ separated from a product WS are installed.

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